



North Carolina Department of Environment and Natural Resources

Dexter Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor
Dee Freeman, Secretary

April 29, 2010

Sent Via US Mail and Email - Tommy.Esqueda@wakegov.com

Mr. Tommy Esqueda
Wake County Environmental Services Department
P.O. Box 550
Raleigh, NC 27602

Re: Approval of Corrective Action Plan
Closed and Unlined North Wake Landfill, Permit# 92-09

Dear Mr. Esqueda:

The Solid Waste Section has reviewed the *Corrective Action Plan* dated March 22, 2010 for the closed and unlined North Wake Landfill submitted on behalf of Wake County by CDM. Pursuant to 15A NCAC 13B .1636, Wake County selected Monitored Natural Attenuation (MNA), landfill gas recovery, and in-situ remediation by air sparging as the remedy to restore groundwater quality and to effectively reduce the contamination at the facility. The Solid Waste Section approved the selected remedy on December 18, 2009.

The Corrective Action Plan (CAP) proposes implementation of the following activities:

- Monitored Natural Attenuation (MNA)
- Institutional controls
- Landfill gas recovery
- In-situ remediation by air sparging

A comprehensive MNA baseline and a landfill gas recovery system have already been established at the facility. In addition, in-situ remediation by air sparging will be utilized upgradient of groundwater monitoring wells MW-6 and MW-9. As a result, the Solid Waste Section hereby approves the *Corrective Action Plan* dated March 22, 2010 for immediate implementation. The implementation of the approved selected remedy shall now take place in accordance with 15A NCAC 13B .1637 and pursuant to the timeline located within Chapter 7 of the *Corrective Action Plan*. If the selected remedy proves to be ineffective, then the contingency plan located within the *Corrective Action Plan* shall be implemented. If you have any questions or concerns, please contact me by email at jaclynne.drummond@ncdenr.gov or at 919-508-8500. Thank you for your continued cooperation with this matter.

Sincerely,

Jaclynne Drummond
Hydrogeologist
Environmental Compliance
Solid Waste Section

cc via email: David Cooke, Wake County Manager
Johnny Beal, Wake County Solid Waste
Lee Squires, Wake County Solid Waste
Mat Colone, CDM
Mark Poindexter, Field Operations Supervisor
Jason Watkins, Central District Supervisor
Brad Bailey, Environmental Senior Specialist
Ellen Lorscheider, Planning and Programs Manager
Donna Wilson, Permitting Engineer